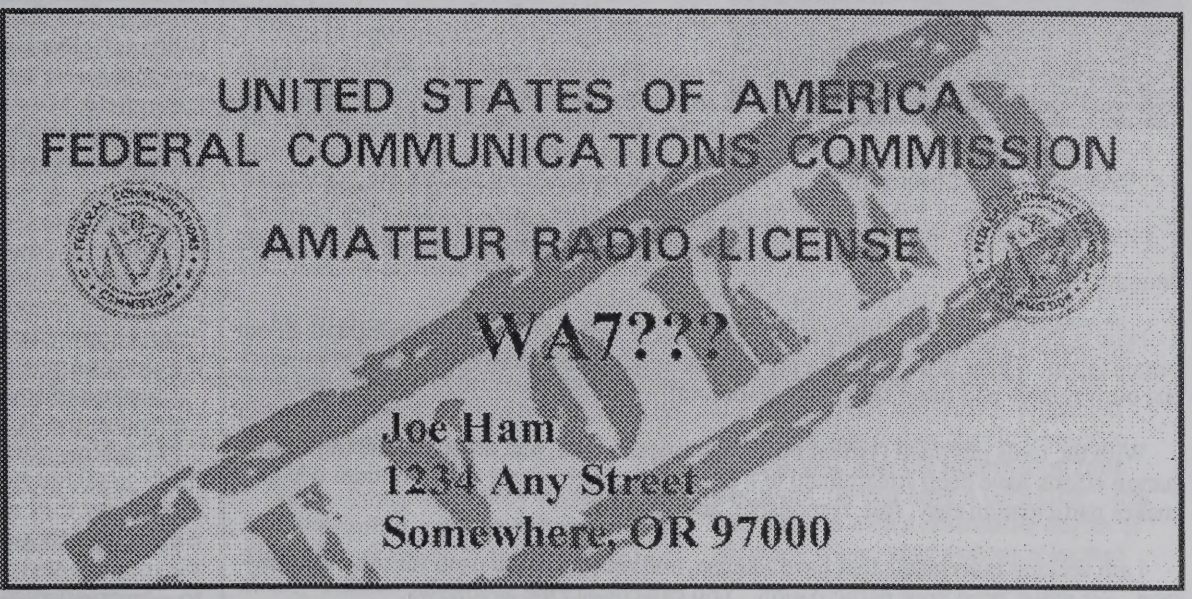
Western Washington Amateur Relay Association

The Coordinator

"I can't over emphasize the seriousness of lack of cooperation from those who run uncoordinated repeaters where there is interference. But, it is apparently going to take some license revocations to get this message through"

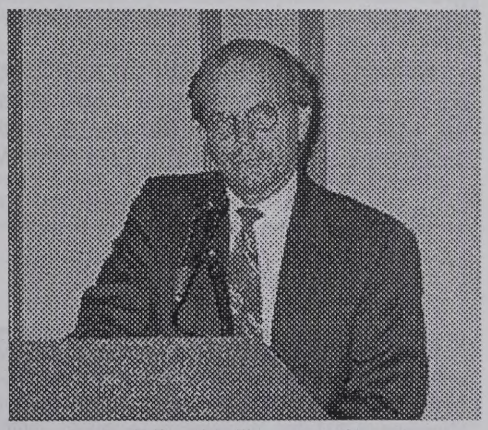


Uncoordinated Repeater Operators Beware

Uncoordinated repeater owner operates beware. The FCC's top ham radio rules enforcer says failing to cooperate in cleaning up interference to a coordinated system could mean the end of your ham radio career. Speaking on his RAIN Report enforcement log on Sunday August 26th, Riley Hollingsworth, K4ZDH, says your license could be at stake:

"I can't over emphasize the seriousness of lack of cooperation from those who run uncoordinated repeaters where there is interference. But, it is apparently going to take some license revocations to get this message through".

Hollingsworth made the remark in the course of his report on the problems being caused by an uncoordinated repeater in Southern California. The uncoordinated K6UQ repeater, licensed to the Pali Amateur Radio Club of Pacific Palisades is allegedly interfering with the coordinated W6IER system. The latter is operated by the Inland Empire Amateur Radio Club which holds a valid coordination from the Southern California's Two Meter Area Spectrum Management Association which is the recognized 2 meter coordinator for the geographic region. The Two Meter Area Spectrum Management Association has repeatedly denied coordination to the K6UQ machine.



Riley Hollingsworth

What's In This Issue

Expired Coordinations
Correspondence Log
Meeting Minutes
Clay's Corner
Meeting Notice
WWARA Elections
FCC Enforcement Actions
and More

ELECTIONS OF WWARA OFFICIALS,

Ken Rau K7YR
WWARA Vice-Chairman

Its election time once again. At our December meeting, the WWARA will be electing new Officers and Board members for the year 2002.

We are seeking candidates for the position of Chairman, Vice Chairman, Secretary/Treasurer. Representative position 2 and position 4. We are also seeking candidates for the various band chairs.

We need interested band chair individuals identified so that the new officers can get down to business in December right after the elections.

For position 2, we are seeking someone from King, Pierce, or Snohomish County. For position 4, we are seeking someone from outside the above counties.

Now is the time for the rubber to meet the road! Now is the time to precipitate in our organization. There is no time like the present to get involved in the process of protecting our valuable and finite frequency resources.

With the tools provided (virtual board meetings, e-mail, and other means) the coordination efforts have been streamlined to a point that travel is kept to a minimum which makes participation easy, fast, responsive, and efficient.

I am seeking individuals that have interest, and recognize the need for our organization. We really need your participation. You can contact me as follows:

Ken Rau
Home 425 222 7711
Work 206 281 3898

Ken@foss.com

Hams track police radio interference:

Hams in Middletown, Ohio, helped track down a local amateur who was subsequently arrested August 7 on state charges of "disrupting public services."

Authorities allege that Kenneth Kelly, WT2FBI—a Tech Plus licensee—was interfering with police radio calls while using a modified transceiver. The charge is a fourth-degree felony. The FCC has been notified, and Kelly, 28, also could face federal charges.

"The alleged offender was repeating what sounded to us to be CB broadcasts onto the police channel," said ARRL member Ernie Howard, W8EH, a city radio maintenance shop employee who was involved in the tracking. Kelly had apparently just moved to the area.

Authorities reportedly said the interfering operator also attempted to talk to dispatchers and police officers and made racial slurs and obscene remarks. At a preliminary hearing, Kelly was bound over for possible grand jury indictment. He is being held in lieu of $25,000 bond.—thanks to Ernie Howard, W8EH, and The Middletown Journal

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FCC WANTS EXPLANATION FOR ALLEGED INTERFERENCE DURING DECLARED EMERGENCY

The FCC apparently wants to let the amateur community know that it intends to put teeth into its infrequent emergency declarations. The Commission has written William C. Dennison, K0VCD, seeking an explanation for interference it alleges the Springfield, Missouri, amateur caused to an emergency net after the FCC declared a general communications emergency on June 10.

In a letter to Dennison on August 16, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth called Dennison's apparent failure to abide by the emergency declaration "a serious breach of the amateur rules."

Because of severe flooding in Texas and Louisiana, the FCC had declared 3.873 and 7.285 MHz—plus or minus 3 kHz—off limits to all but flood emergency traffic. Agents say they monitored Dennison on 75 meters later that evening, operating in the vicinity of—and causing interference to—an emergency net. At one point, the FCC said, Dennison moved onto the net's frequency to challenge the net control station.

FCC agents at the Commission's High Frequency Direction Finding Facility in Columbia, Maryland, were maintaining a watch on 3.873 and 7.285 MHz when Dennison was heard. After determining that Dennison's signal—on 3.875 and subsequently 3.876 MHz—was interfering with the net, an FCC agent telephoned Dennison to make sure that he was aware of the communications emergency and requesting that he change frequency.

The FCC continued to monitor Dennison's signal "splattering onto the net" on 3.873 MHz, Hollingsworth said in his letter. Dennison is said to have commented on the air regarding the telephone call from the FCC, then moved to 3.873 MHz, where he contacted the emergency net control station to challenge the net's use of HF rather than 2 meters for the emergency traffic. Hollingsworth told ARRL that Dennison subsequently either moved away from the net's frequency or went off the air, and the net experienced no further problems.

Hollingsworth requested that Dennison, a General class licensee, respond to the letter within 20 days with a detailed explanation of his operation during the periods detailed in the letter.

CALIFORNIA AMATEUR AGREES TO TWO-YEAR SUSPENSION

An Amateur Extra class operator from California has agreed to a two-year suspension of his amateur privileges. The accord with Robert J. Kazmierski, WE6M, of San Mateo followed longstanding allegations of deliberate interference. The FCC's San Francisco office issued Kazmierski an Official Notice of Violation (NOV) in late June.

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth said the FCC field office referred the case to him for a possible settlement before seeking a fine in the case. He confirmed the suspension agreement with Kazmierski by letter August 3.

"I called him, and he was willing to negotiate a suspension," Hollingsworth told the ARRL. Kazmierski could have faced a fine of up to $7500. If there are no violations of the agreement, the suspension expires automatically at midnight August 3, 2003.

The FCC cited Kazmierski for causing malicious interference earlier this year. Acting in response to a complaint, FCC agents observed an unmodulated carrier on 146.550 MHz—a recognized 2-meter simplex channel—while other amateur communications were in progress. They tracked the interference to Kazmierski's residence. A subsequent inspection revealed an operational transceiver tuned to 146.550 MHz.

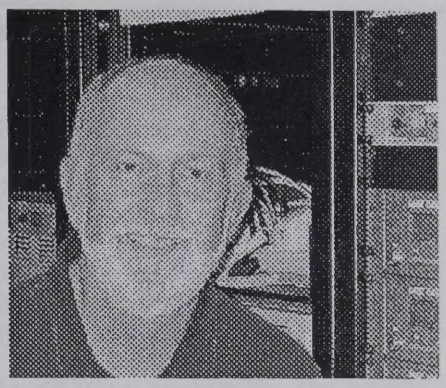
In a letter to the field office on July 2, Kazmierski apologized for the infraction, said it wouldn't happen again, and pledged to stay off the air at least until the end of this year. His plea notwithstanding, Hollingsworth said, Kazmierski will be off the air until 2003, provided he abides by his agreement with the FCC.

WWARA

The WWARA web site at http://www.wwara.org has a new feature; A Message board where you can post questions, comments, interference issues, items wanted and forsale or just about anything else you might think of.

Stop by, register and have a look around. Can't hurt!

Clay's CORNER



Clay Freinwald - K7CR

So how come my machines coordinates have to be so dang accurate?

This is a question that's being asked these days as the WWARA's coordination work moves from 'general' to specific locations for repeater transmitters and receivers. Back in the 'good old days' when we did not have computers, GPS, and propagation prediction software…we could simply state that the location of the repeater was on

Mt Highspot and that was fine. The Associations Technical Data Form has long had provisions for entering the coordinates but they were rarely ever used beyond that point.

Today things are VERY different. We have the tools to really put those coordinates to work for us. Marty Hadfield has clearly demonstrated the value of propagation prediction software as we move away from the rather crude 'ya, it should work there' methods of the past… to coordination processes that are precise. These new computer tools are great, however, they are only as accurate as the information fed to them and this is where you come in.

The coordinates of our system need to be VERY accurate otherwise the information is likely to lead to other errors in our already congested arena. Lately a number of coordinators have been forced to go back to the applicant to get correct and accurate coordinate information this only leads to greater delays in the process…and more work for the coordinator.

The good news is that you don't have to go to the local map store and buy an arm load of USGS Quad's to determine where your system is located. If you are at a commercial site with a 'registered tower' the site owner should be able to provide you with the information from that work. If you have a GPS Unit…that will tell you with a reasonable degree of accuracy where your system is located (be sure and reference your source of information on your application) Map programs are also a source of coordinate information with many of them displaying the coordinates of where you have the 'cross-hairs'.

The bottom line is that coordination is getting more precise and this is good for errors in location information, on any ones part, hurts us all. In this effort, your help is needed.

Western Washington Amateur Relay Association
16541 Redmond Way – PMB 243 Redmond, WA. 98052-4482

EASY PAYMENT FORM

My enclosed check is for:

_____-Year Membership Dues @ $12/year
_____-Coordination Fee @ $15 ea for 5 years
_____-Renewal Fee @ $10 ea for 5 years
_____-Rptr Directory @ $6 each - members, $8.95 each - non-members.
** Please add $1.50 for shipping and handling of each directory.

Check # _____
Total $ _____

Name: _____ **Call:** _____
Addr: _____ **Freq:** _____
City: _____ **Home #:** _____
St: _____ **Zip:** _____ **Work #:** _____
Email: _____

Admin CL._____ DB._____ QB._____ RD._____ TN._____

Correspondence/Transaction Log

07/04/2001... Online renewal from PETE POLICANI, K7PP
07/06/2001... Email to ROGER HANSEN, W6TOZ
07/09/2001... Email from/to DAN FOGARD, W6PRL
07/09/2001... Emails from/to CARL HOLMAN, K7CH
07/11/2001... TD from ROBERT KEETON, KD7MHJ
07/13/2001... TD from RAY STEIN, N7RET
07/16/2001... $1277.90 from RADIO DEPOT, 9RAD
07/16/2001... Email to/from BARRY MCCAFFREY, KD7HM
07/16/2001... $12 for RD from ADRIAN JONES, KC7IYE
07/23/2001... $102 for Dues, CF from GARY HART, W7WWI
07/25/2001... $1.50 from HADLEY ALLHANDS, K7MLR
07/25/2001... $20 for Dues, RD, from DALE BOGGS, K7MJ
07/25/2001... $6 for RD from MARK KOSTORA, KD7NEB
07/26/2001... Email to JAMIE HUGHES, KD7HPE
07/29/2001... Email from/to RANDY STEGEMEYER, W7HR
07/29/2001... Email from RHETT ISLEY, KB4HG
07/30/2001... Email to RHETT ISLEY, KB4HG
08/04/2001... $18 for Dues, RD from CARL HOLMAN, K7CH
08/04/2001... $15 for CF from RAY STEIN, N7RET
08/04/2001... $6 for RD from CHRIS PALMER, KD7AKB
08/04/2001... TD, $15 for CF from GENE COLSON, W7UVH
08/06/2001... Email from RAY UBIS, KG7UB
08/08/2001... Online renewal, $10 for RF from CHUCK STROEHER, WA7EBH
08/08/2001... TD, $10 for RFfrom LARRY ZANELLA, WA7LZO
08/08/2001... $12 for Dues from LARRY ZANELLA, WA7LZO
08/08/2001... TD, $15 for CF from RICHARD KOLSTE, N7XOJ
08/08/2001... TD, $10 for CF from LARRY ZANELLA, WA7LZO
08/08/2001... Email from RAY STEIN, N7RET
08/09/2001... Email from JAMIE HUGHES, KD7HPE
08/10/2001... Email to JAMIE HUGHES, KD7HPE
08/10/2001... TD, $30 for CF from CARL HOLMAN, K7CH
08/10/2001... Email to DAVID SWARTZ, KC7RRH
08/11/2001... Email to ROBERT WORMLEY, W7QA
08/11/2001... Email to DAVID SWARTZ, KC7RRH
08/12/2001... Emails from ROBERT WORMLEY, W7QA
08/13/2001... TD, $15 for CF from DAVID EAKINS, K7OV
08/13/2001... TD, $15 for CF from ROB LEE, K7TGU
08/13/2001... TD, $15 for CF from ROB LEE, K7TGU
08/13/2001... TD, $15 for CF from ROB LEE, K7TGU
08/13/2001... 2 TD's (updates) from ROB LEE, K7TGU
08/13/2001... Emails to ROBERT WORMLEY, W7QA
08/14/2001... Email from MIKE OLDS, WA7ZUS
08/14/2001... Emails from/to ROBERT WORMLEY, W7QA
08/15/2001... Correspondence to TOM SAUNDERS, N7OEP
08/15/2001... Email to ROBERT KEETON, KD7MHJ
08/15/2001... Email to TOM SAUNDERS, N7OEP
08/15/2001... Email to MIKE OLDS, WA7ZUS
08/16/2001... Emails from/to ROBERT WORMLEY, W7QA
08/16/2001... Email from MIKE OLDS, WA7ZUS
08/16/2001... Email from JIM HALL, K7OET
08/17/2001... Email from ROBERT WORMLEY, W7QA
08/18/2001... Email to/from MIKE OLDS, WA7ZUS
08/19/2001... Email to MIKE OLDS, WA7ZUS
08/21/2001... Email to ROBERT WORMLEY, W7QA
08/22/2001... Coorespondence from JIM ZANELLA, KA7GZR
08/24/2001... Email from ROBERT WORMLEY, W7QA
08/24/2001... Email from DAVE AMOS, WB7DFV
08/25/2001... Email from BOB JOHNSON, WA7ZWG
08/25/2001... Email to DAVE AMOS, WB7DFV
08/26/2001... Email to BOB JOHNSON, WA7ZWG

ARRL Helps to Clear the Air in Line Noise Cases

The ARRL has successfully "run interference" in several recent cases where electric utilities were accused of causing problems for amateurs. One longstanding case in Tennessee involved suspected power-line interference affecting both the amateur bands and satellite dish reception. Other successful outcomes occurred in New Mexico and North Carolina, where amateurs had been plagued by line noise.

Paul Fulk Jr, N8ITF, of Springfield, Tennessee, had first complained to Cumberland Electric Membership Cooperative more than two years ago to get his noise situation resolved. After the company claimed it had done everything possible, the FCC's Riley Hollingsworth advised the utility in June to get in touch with the ARRL. The ARRL convinced Cumberland to secure the services of Mike Martin, K3RFI, who operates RFI Services in Traceys Landing, Maryland. Martin was able to pin down the problems in fairly short order.

"As of today all interference has been cured," Fulk recently reported to Hollingsworth. He credited Martin with "an exceptional job" in finding the interference sources.

Since coming to Headquarters in May, ARRL RFI Engineer John Phillips, K2QAI, has been working closely with the Cumberland and other suspected power-line-interference situations. He says even some experts are easily befuddled while trying to pin down interference sources, but that Martin's technique is nothing short of amazing.

"He's almost supernatural in his ability to find line noise," said Phillips, who attended Martin's RFI seminar earlier this year. Phillips says line noise usually turns out to be the result of something that's typically fairly easy and inexpensive to fix. "You just need to know the techniques," he said.

Another recent case referred to the ARRL was resolved without heavy FCC pressure. Mark Mandelkern, K5AM, of Las Cruces, New Mexico, had reported noise apparently coming from lines operated by the El Paso Electric Company.

"We merely wrote a letter to the CEO of El Paso Electric—with a copy to Riley Hollingsworth—and it quickly trickled down to a local manager who called me with a real sound of apprehension in his voice," Phillips recalled. Mandelkern wrote Hollingsworth August 14 that the company has been very cooperative and has begun work to completely rebuild a troublesome section of line.

In North Carolina, Jim Scholten, AD1V, had been frustrated by noise from Duke Power Company lines for several years. After a letter went out from ARRL to Duke Power—with a copy to the FCC—Scholten reported that linemen suddenly appeared at the suspect poles, and his noise problems abated. "It was impossible to make the power company do their job without you!" he wrote Phillips.

Amateurs suffering from interference believed to be emanating from power-generation or transmission facilities may contact John Phillips, K2QAI, rfi@arrl.org

TAXI SERVICE TOLD TO CLEAR UP INTERFERENCE TO AMATEUR REPEATER

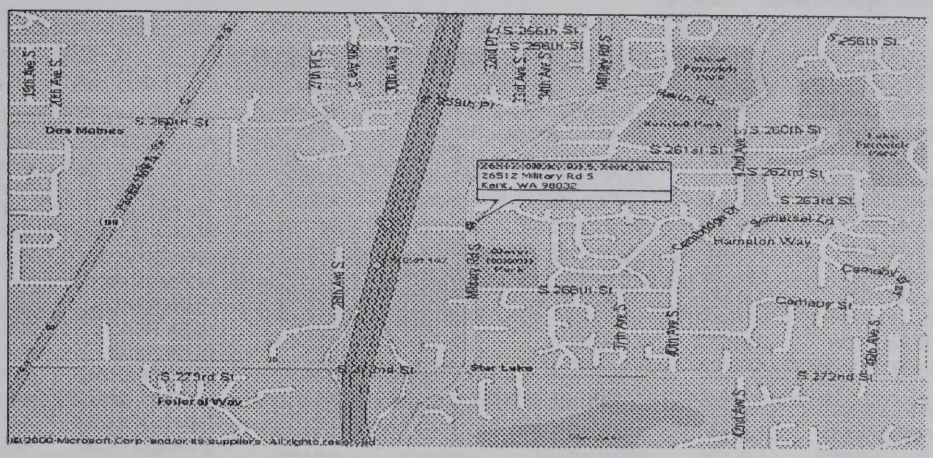
A Lewiston Maine taxi-cab company has been told to solve an interference problem that its two way radio system is causing to a local two meter repeater. On August 14th, the FCC wrote to Daniel Leonas of the City Cab Company. City Cab is licensed for operation on 152.270 and 152.530 MHz. The FCC contends that this operation was causing harmful interference to the KQ1L repeater operating on 146.880 Mz.

The letter to Leonas notes that he had already been contacted by the operators of the repeater but had taken no action to solve the interference. The F-C-C says that the interference may be caused by a harmonic of the 152.270 MHz transmitter combining with the 152.530 transmitter and resulting in a product at 146.985 MHz.

The signals are being heard on the Amateur repeater for several miles in every direction from the taxi radio transmitter site. City Cab was told to have its radio service technician look into this problem and contact the Amateur Radio Club's interference committee. It was also ordered to report its findings to the FCC within 30 days. (FCC)

Meeting Notice....

The next WWARA Membership meeting will be Thursday October 4, 2001 at 7:00 - 9:00 PM at the Kent fire station #73.



DRIVING INSTRUCTIONS -

From the North or From the South Take the 272 nd Street exit from I-5. Go East on 272. Immediately get in the left hand turn lane at the first traffic signal. Turn left (your are now going north) onto Military Road. Follow Military Road North for about ½ mile. The Fire Station is on the Right.

If you need further directions call Clay Freinwald, K7CR on his cell phone 206 947-6115.

08/27/2001... Correspondence to ROBERT KEETON, KD7MHJ
08/28/2001... TD from JIM HALL, K7OET
08/29/2001... Email to/from PETE POLICANI, K7PP
08/30/2001... Email from/to DAVID STILWELL, AC7KP
08/30/2001... Email to BILL ROURKE, W7ERH
08/30/2001... Email to CHUCK STROEHER, WA7EBH
08/31/2001... Email to LARRY ZANELLA, WA7LZO
08/31/2001... Email to CARL HOLMAN, K7CH
08/31/2001... Correspondence to BILL VODALL, WA7NWP
08/29/2001... 2 TD's and correspondence, $30 from JOHN SCHURMAN, AA7UJ
08/31/2001... Correspondence to ROBERT SIMONSON, WA7ROB
08/31/2001... Correspondence to RANDY GREELEY, NU7D
08/31/2001... Correspondence to STEVE SZOMBATHY, W7UDI
08/31/2001... Correspondence to REN RODERICK, WA7QFR

LEGEND: CF= Coordination Fee TD= Technical Data Sheet
RF= Renewal Fee RD= Repeater Directory

Expired Coordinations

The following is a list of coordinations who have either expired or are about to expire before the end of the year (12/31/01).

Many of these frequencies have appeared in this list numerous times. If your one of those whoose expiration is over 6 months old this is your LAST notification! The FCC is taking a very serious stance on operating an uncoordinated repeater and causing interference to a coordinated repeater. "... there are no squatter's right on radio spectrum." - FCC

NAME	FREQ	LOCATION	CALL	EXPIRATION
HARRY LEWIS	146.820	SEATTLE	K7LED	6/10/98
MIKE CRAWFORD	440.625	SPARPOLE HILL	W7DK	7/29/00
H SELMER	443.925	MUKELTEO	W7FLY	12/1/01
MIKE BALLEW	446.525	ABERDEEN	N7KSI	9/28/98
ERNEST BEETZ	444.100	ANDERSON IS.	K7BTZ	8/9/00
BRIAN BETTGER	449.875	NORTH POINT	N7QDY	9/27/98
T BIGELOW	224.420	SQUAK MT	KG7IK	8/5/97
BILL BOYLE	444.750	TACOMA	KB7CNN	7/13/01
BILL BOYLE	146.640	TACOMA	KB7CNN	7/13/01
BILL BOYLE	1246.100	TACOMA	KB7CNN	6/11/97
C BURLESON	53.190	TACOMA	K7HW	11/26/01
ROBERT CALKINS	443.725	MT LAKE TERRACE	WA7NUU	12/6/01
JEFF CHANG	442.825	SEATTLE	WB7AHT	8/2/01
L CRAWFORD	145.430	SILVERDALE	AB7Y	10/6/01
C DAVENPORT	145.170	MEGLAR MT	KA7GCT	6/24/01
BILL DAVIS	224.980	RATTLESNAKE MT	KC7UW	8/30/00
J DONIMIRSKI	442.125	LAKE TAPPS	W7YG	8/5/98
CLAY FREINWALD	53.150	TIGER MT W	K7CR	10/27/01
EARL GARBER	442.125	LONGVIEW	N3EG	7/25/01
BRIAN GOOD	223.920	GREEN MT	WB7FDD	8/12/98
CHARLES GRAFF	441.775	ISSAQUAH	K7CHV	11/1/01
JIM HALL	442.225	CARNATION	K7OET	9/23/98
JIM HALL	442.238	SEATTLE	K7OET	9/23/98
JIM HALL	440.550	SEATTLE	K7OET	9/23/98
JIM HALL	444.800	GREEN MTN	K7OET	7/21/00
JIM HALL	447.225	LYNNWOOD	K7OET	9/23/98
JIM HALL	444.800	LYNNWOOD	K7OET	9/23/98
JIM HALL	447.250	SEATTLE	K7OET	9/23/98
MIKE HART	439.200	LONGVIEW	K7ZVV	8/20/99
MIKE HART	439.300	LONGVIEW	K7ZVV	8/20/99
MIKE HART	439.500	GREEN MT	K7ZVV	8/20/99
VICTOR HENRY	441.050	CAMANO ISLAND	KC7MAP	7/21/01
VICTOR HENRY	441.950	JIM CREEK	KC7MAP	11/4/01
CARL HOLMAN	444.450	N. MOUNTAIN	K7CH	10/26/01
CARL HOLMAN	53.030	N. MOUNTAIN	K7CH	10/26/01
JAMIE HUGHES	224.800	BAINBRIDGE IS	KD7HPE	7/30/00
J HUMPHREY	224.960	TACOMA	N7MEB	9/18/00
RICK HYDE	443.150	TACOMA	N7EHP	11/11/01
RICK HYDE	442.875	TACOMA	N7EHP	11/11/01
RICK HYDE	147.120	TUMWATER	N7EHP	11/12/01
DIRK JOHNSON	430.225	MOUNT JUPITER	N7WE	9/17/00
DIRK JOHNSON	440.750	BREMERTON	N7WE	6/29/01
WILLIAM KENNER	1292.300	SEATTLE	KB7FAA	7/17/98
PHIL KESTER	224.200	SOMERSET	WN7Q	9/7/00
GENE KIMZEY	444.625	GRASS MT	KA7HAM	6/25/98
GARY KOHTALA	145.290	TACOMA	W7NTF	6/2/98
GARY KOHTALA	442.625	BALDI MOUNTAIN	W7NTF	8/9/01
GARY KOHTALA	441.375	GOLD MOUNTAIN	W7NTF	4/27/01
MATT KULA	53.350	INDEX	KC7LOC	9/12/01
GEORGE LANNING	440.725	OLYMPIA	KB6LE	11/8/00
DENNY LIM	224.280	FALL CITY	WA7TQS	9/29/98
DENNY LIM	442.925	FALL CITY	WA7TQS	9/29/98
LAURENCE LOREE	444.975	ROOSTER ROCK	K7HRN	7/31/01
JAYSON MACE	444.850	MT PLEASANT	N7JXD	8/17/01
RUFI MAGBANUA	440.600	BREMERTON	AA7SS	12/24/00
J MC ALLISTER	440.400	TACOMA	W7MSR	8/23/99
J MC ALLISTER	224.520	TACOMA	W7MSR	8/23/99
M MC DERMOTT	927.400	RATTLESNAKE MT	N7TJP	9/15/00
M MC DERMOTT	927.700	CAPITAL HILL	N7TJP	9/15/00
CHUCK MILLER	443.000	MARYSVILLE	KC7BNP	4/3/00
JAY MORRISON	145.290	EVERETT	WB7VYA	7/30/97
MONTE MUELLER	444.150	SEATTLE	W7GVJ	8/3/01
ALAN MUENZEL	146.960	SEATTLE	N7GAD	6/23/00
ALAN MUENZEL	447.175	SEATTLE	N7GAD	6/23/00
ALAN MUENZEL	439.450	SEATTLE	N7GAD	6/4/99
MIKE OLDS	444.500	LYMAN HILL	WA7ZUS	8/5/00
JIM PIPER	444.775	POULSBO	W7JP	6/19/01
PETE POLICANI	441.300	LYMAN HILL	K7PP	5/18/01
CARTER POWELL	440.350	MERCER ISLAND	W7IAG	9/14/98
NORMAN RAY	147.000	BELLEVUE	W7LFA	8/5/00
GLEN READ	224.040	GOLD MOUNTAIN	KB7GZ	8/8/00
GLEN READ	446.450	SEATTLE	KB7GZ	8/13/00
GLEN READ	441.450	GOLD MOUMTAIN	KB7GZ	8/8/00
JERRY REPINE	446.725	BREMERTON	NC7U	6/27/99
MARTHA SALOT	441.900	ORCAS ISLAND	N7ZCZ	7/30/00
D SANDSTROM	440.350	MERCER ISLAND	KG7CP	9/14/98
D SANDSTROM	445.350	MERCER ISLAND	KG7CP	9/14/98
TOM SAUNDERS	440.075	GREEN MT	N7OEP	9/23/01
TOM SAUNDERS	53.330	BALDI MOUNTAIN	N7OEP	9/8/00
PATRICK SENKO	444.325	OLYMPIA	WA7USJ	1/30/00
MARK SHEPPARD	443.000	SEATTLE	W7ACS	8/11/00
MARK SHEPPARD	53.250	SEATTLE	W7ACS	8/11/01
MARK SHEPPARD	443.000	VARIOUS	N7LYE	8/22/98
BRUCE SHURTZ	145.370	GRASS MT	W7BAS	6/16/00
BRUCE SHURTZ	145.370	GRASS MT	W7BAS	6/16/00
BRUCE SHURTZ	145.370	OCTOPUSS MT	W7BAS	9/24/97
JOHN SPRAGUE	53.230	PORT ORCHARD	KA7JUR	9/17/00
JOHN SPRAGUE	224.480	MOUNT JUPITER	KA7JUR	9/17/00
F STANDIFER	440.525	SEATTLE	KB7PLW	6/28/01
MICHAEL STERBA	446.525	LYMAN HILL	KG7HQ	8/9/00
T SULKOSKY	147.260	SUMNER	KB7WYL	7/15/99
GARY SULTAN	1277.250	U OF WA	K6HVI	7/31/01
FRANK TATE	441.800	WEST SEATTLE	W7AW	10/6/01
LES TOMMINGER	443.875	JIM CREEK	W7UFI	11/11/01
UNK	441.550	MT VERNON	UNK	7/11/97
UNK	444.325	SEATTLE	WA7HVK	6/20/00
UNK	145.290	BELFAIR	KC7KFB	8/1/01
D VANDAMENT	441.750	BREMERTON	KB7KIZ	7/1/97
D VANDAMENT	446.750	BREMERTON	KB7KIZ	10/21/99
D VANDAMENT	224.920	FINN HILL	KB7KIZ	10/21/99
D VANDAMENT	441.750	BOTHELL	KB7KIZ	10/21/99
FRANK VOLZ	444.600	ABERDEEN	KA7DNK	9/16/01
JOHN WARRING	440.125	TACOMA	KE7LE	7/24/98
RANDY WHEELER	52.810	SIGNAL PEAK	N7JYW	8/17/01
GARY WILLIAMS	145.490	SEATTLE	KB7NFN	10/29/00
ROBERT WINTERS	444.600	MARYSVILLE	N7XR	11/13/01
R WORMLEY	441.150	WOODINVILLE	W7QA	7/28/98
JIM ZANELLA	442.950	FEDERAL WAY	KA7GZR	8/23/01
LARRY ZANELLA	1292.900	SEATTLE	WA7LZO	1/6/01

If you see your favorite repeater or your friends repeater on this list, please let them know.

Minutes of August 4, 2001 General Membership Meeting

The August 4, General Membership meeting was held at the Tumwater Best Western Inn. Chairman Ed Bruette, N7NVP, called the meeting to order at 10:00am.

Introductions were made and a sign-in sheet was circulated. In attendance were: Mark McClain- N6OBY, Ralph Lucier- KA7VEE, Carl Holman- K7CH, Jon Marcinko- WR7JM, Peter Dahl- WA7FUS, Terry Dummler- WQ7A, John Schurman- AA7UJ, Chris Palmer- KD7AKB, Steven Szombathy- W7UDI, Pete Kruml- N7KFJ, Roger Hansen- W6TOZ, Peter Policani- K7PP, Ed Bruette- N7NVP, Gene Colson- W7UVH, Clay Freinwald- K7CR, David Flood- KD7MYC, Ray Stein- N7RET, Robert Donnell- KD7NM

The minutes of the June 7, 2001, General Meeting were approved.

Current financial statements were distributed for review. A motion passed to approve the financial report.

ADJACENT AREAS: - IACC: Jon Marcinko- WR7JM, reported that he had some recent contact with Doug Rider regarding some link interference. Carl Holman said he has also been corresponded with Doug. - B.C.: BCARCC provided information on their coordination process to Bryon Gunnerson- WB7CZA, who is heading up the committee to review and recommend changes to our Bylaws and Coordination Policies. - ORRC: Nothing to report.

COMMITTEE REPORTS - Technical- Marty Hadfield- WB7AFV, is out of town and unable to attend today's meeting. Clay Freinwald- K7CR knows of nothing to be reported.

- 6/10 Meters- Board actions: Previous to the meeting, the Board approved the coordination of 53.43-Bainbridge Island repeater to KC7TGA. The membership had no questions and supported the approval.

- 2 Meters- Board actions: Previous to the meeting, the Board approved the coordination of 145.15-Olympia repeater to W7UDI, and 146.76-Federal Way repeater to KC7RRH. The membership had no questions and supported the approval. Other/Pending: A discussion was held about a request by the Mike & Key Club to coordinate a back-up repeater. The repeater is tested periodically, but not in routine operation. 2-meter Band Chair, Pete Policani- K7PP, asked for input from the Board if the lack of normal operation was in violation of the Coordination Policies. The consensus is no violation exists due to the nature of the operation, and the "area served" is within the coverage area of Mike & Key's primary repeater on the same pair. Other/Pending: Pete Policani- K7PP reviewed his list of pending activities.

- 220- Board actions: None

- 440- Board actions: Previous to the meeting, the Board approved the coordination of; 441.250-Issaquah repeater to K7PP. The membership had no questions and supported the approval. Other/Pending: Jon Marcinko- WR7JM, and Ralph Lucier- KA7VEE, reviewed their list of pending activities.

- 900/1.2- Board actions: None. Other/Pending: It was reported that Bill Rourke- W7ERH, has his 1.2Mhz repeater on Haystack.

-NFCC Business: Clay Freinwald- K7CR, reported that there is nothing specific to report this period.

OLD BUSINESS - Modification of Technical Data Sheet- Previously, Jon Marcinko- WR7JM proposed the use of a Technical Data Sheet modified for the application and renewal of link frequencies. Jon and several others have been working on a form. The Secretary commented that there have been a few recent attempts to use one of these forms being reviewed, but that all applications should be made using the current approved form. The "Link" form is not to be used until finalized and approved.

- Review of UHF Links and Band Plan- Informal discussions are still taking place, and the number of Links operating in the Repeater Sub-Band is being reviewed.

- Bylaws and Coordination Policies Rewrite Committee- the Committee Chair was not able to attend the meeting.
Pete Policani- K7PP suggested that we develop and include a process to update the Expired Coordinations list on the WWARA Web Page more often than the current schedule of 2 times per year.

NEW BUSINESS - Help Wanted- Ed Bruette- N7NVP restated the need for volunteers.

- Table arrangements have been made for a WWARA table at the Longview Swapmeet on Aug 11th. Ed, Clay, and Marty will be representing the WWARA.

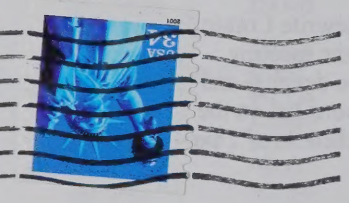
- Jon Marcinko- WR7JM asked about the status of the Secretary's admin database webpage. A brief description was given and it was stated that it is still in a test mode.

- Ed Bruette- N7NVP, reminded everyone that the December meeting is 2 meetings away, and we will be holding elections for Chair, Vice-Chair, Secretary/Treasurer, and two of the four Director positions.

The next meeting will be held on Thursday, October 4, 2001 at 7:00pm. The location and directions will be published on the WWARA web page.

A motion passed to adjourn the meeting at 11:40am.

Minutes by Mark McClain- N6OBY, Secretary/Treasurer.



Western Washington Amateur Relay Association
PMB 243
16541 Redmond Way
Redmond, WA 98052

THE WESTERN WASHINGTON AMATEUR RELAY ASSOCIATION
SERVING REPEATER OWNERS AND USERS SINCE 1976

BOARD OF DIRECTORS, 2001

POSITION	NAME	CALL	PHONE
Chairman	Ed Bruette	N7NVP	360 698-0917
Vice Chairman	Ken Rau	K7YR	425 222-7711
Secretary/Treas.	Mark McClain	N6OBY	425 881-9389
Representative #1	Clay Freinwald	K7CR	253 939-1414
Representative #2	Mike Hill	N7NFY	425 238-8900
Representative #3	Pete Policani	K7PP	k7pp@technline.com
Representative #4	Mark McKibbin	WR7V	360 437-0718

STANDING COMMITTEES

Technical	Marty Hadfield	WB7AFV	425 430-1581
Membership	Ken Rau	K7YR	425 222-7711
Coordinator Editor	Mark McKibbin	WR7V	360 437-0718
10 & 6 Meters	Ed Bruette	N7NVP	360 698-0917
2 Meters	Pete Policani	K7PP	k7pp@techline.com
220 MHZ	Peter Dahl	WA7FUS	
440 MHZ	Ralph Lucier	KA7VEE	360 770-2975
900/1200	Gene Colson	W7UVH	360 495-4313

Please feel free to contact your WWARA officials at any time for additional information about the Association. The COORDINATOR is published 6 times a year and mailed to all parties having a WWARA coordinated system as well as those whom are paid USER members. Dues are $12 per calendar year. Address all formal correspondence and requests for coordination to:

Western Washington Amateur Relay Association
PMB 243 16541 Redmond Way